

## NEVADA STATE COLLEGE

## SCHOOL OF LIBERAL ARTS &amp; SCIENCES

## HUMAN HEALTH SCIENCES, B.S.

## COLLEGE CORE CURRICULUM (32-44 CREDITS)

Unless otherwise noted, please refer to the NSC catalog for full list of core requirements. Note: A single course cannot be used to fulfill both a major and core curriculum requirement. Additionally, a single course cannot fulfill more than one core requirement.

 ENGLISH 3-8 CREDITS

NSC students can be placed into English courses by submitting ACT or SAT scores, or by completing the Directed Self Placement questionnaire. Students who complete Composition II will satisfy the Core Curriculum requirement. Typically, students take Composition I during their first semester at the college and Composition II during the second semester.

- English Composition I (ENG 100, 101, or 116) 3-5  
 English Composition II 3

 STUDY AND TECHNOLOGY SKILLS 0-3 CREDITS

Transfer students with 30 or more transferrable college credits or students who complete the Nepantla Summer Bridge Program with an average GPA of 3.0 or greater will be able to waive the Study and Technology Skills Core Requirement.

 MATHEMATICS 3-4 CREDITS

NSC students can directly self-place into Mathematics, however it is recommended that students place according to their ACT/SAT scores or complete EdReady to better guide their placement. All degree programs require MATH 120 or higher to fulfill the Mathematics Core Curriculum (please see your degree outline for specific course requirements).

 NATURAL SCIENCES 8 CREDITS

The following is required as a Human Health Sciences major within the Core Natural Science requirement:

- BIOL 189+ | Fundamentals of Life Science 4  
 CHEM 108\*\* | Intro to Chemistry 4

 SOCIAL SCIENCES 3 CREDITS

The following is required as a Human Health Sciences major within the Core Social Science requirement:

- PSY 101 | General Psychology 3

 FINE ARTS 3 CREDITS HUMANITIES 6 CREDITS

- COM 101 | Oral Communication 3  
 Humanities Core 3

 CONSTITUTION 3-6 CREDITS

Completion of US and NV Constitutions required. Complete either one US Constitution course and one NV Constitution course or complete one course that fulfills both US and NV Constitutions (CH 203 or PSC 101).

- Nevada Constitution 0-3  
 United States Constitution 0-3

 CULTURAL DIVERSITY 3 CREDITS

For a full breakdown of requirements for the Human Health Sciences major, please refer to accompanying "Major Degree Checklist"

## MAJOR REQUIREMENTS (27 CREDITS)

## ADDITIONAL GENERAL ELECTIVES (10-23 CREDITS)

## TOTAL CREDITS FOR DEGREE (120 CREDITS)

Check box when requirement is satisfied

\*\*Indicates a prerequisite and/or corequisite is required. Please refer to the catalog or speak to an advisor about these requirements.

This sample degree checklist is a planning tool intended for the current academic year. Each student's situation is unique and your degree may differ from the sample presented here. It is recommended that current NS students review the Academic Requirements report in their Student Center to monitor progress toward their degree and graduation requirements. It is also strongly recommended that you meet regularly with your Academic Advisor to verify degree progression.



SCAN HERE FOR MORE  
INFORMATION ON THE COLLEGE  
CORE CURRICULUM INCLUDING A  
FULL LIST OF ELIGIBLE COURSES

## NEVADA STATE COLLEGE

## SCHOOL OF LIBERAL ARTS &amp; SCIENCES

## HUMAN HEALTH SCIENCES (Data Science Concentration), B.S.

All courses used to fulfill major requirements must be completed with a minimum C-. Grades below a C- carry no credit towards major requirements.

## MAJOR REQUIREMENTS (60-61 CREDITS)

## SCIENCE CORE COURSES

18 CREDITS

- |                          |                     |   |   |
|--------------------------|---------------------|---|---|
| <input type="checkbox"/> | <b>BIOL 223** †</b> | Human Anatomy & Physiology I                | 4 |
| <input type="checkbox"/> | <b>BIOL 224** †</b> | Human Anatomy & Physiology II               | 4 |
| <input type="checkbox"/> | <b>BIOL 251** †</b> | General Microbiology                        | 4 |
| <input type="checkbox"/> | <b>CHEM 212**</b>   | Intro to Chemical Pharmacology & Toxicology | 3 |
|                          | <b>NURS 330**</b>   | Biostatistics for Nursing                   | 3 |
| <input type="checkbox"/> | <b>OR</b>           |   |   |
|                          | <b>STAT 391**</b>   | Applied Statistics for Biological Sciences  | 3 |

## UPPER DIVISION SCIENCE ELECTIVES

18 CREDITS

Students must choose from the following:

- |                          |                          |   |     |
|--------------------------|--------------------------|---|-----|
| <input type="checkbox"/> | <b>BIOL 306/CHEM 306</b> | Intro to Scientific Ethics              | 1   |
| <input type="checkbox"/> | <b>BIOL 350**</b>        | Clinical Epidemiology                   | 3   |
| <input type="checkbox"/> | <b>BIOL 428** †</b>      | Medical Gross Anatomy                   | 4   |
| <input type="checkbox"/> | <b>BIOL 440** †</b>      | Mammalian Physiology                    | 3   |
| <input type="checkbox"/> | <b>BIOL 448**</b>        | Mammalian Physiology - Laboratory       | 1   |
| <input type="checkbox"/> | <b>BIOL 450**</b>        | Special Topics                          | 3   |
| <input type="checkbox"/> | <b>BIOL 453**</b>        | Immunology                              | 3   |
| <input type="checkbox"/> | <b>BIOL 461**</b>        | Global Health                           | 4   |
| <input type="checkbox"/> | <b>BIOL 475**</b>        | Neurobiology                            | 3   |
| <input type="checkbox"/> | <b>BIOL 491**</b>        | Independent Study                       | 1-3 |
| <input type="checkbox"/> | <b>BIOL 492**</b>        | Undergraduate Research                  | 1-3 |
| <input type="checkbox"/> | <b>BIOL 493**</b>        | Undergraduate Seminar                   | 1   |
| <input type="checkbox"/> | <b>CHEM 498**</b>        | Undergraduate Research                  | 1-3 |
| <input type="checkbox"/> | <b>ENV 494/BIOL 494</b>  | Environmental Science Colloquium        | 1   |
| <input type="checkbox"/> | <b>CHS 421**</b>         | Health and Wellness Across the Lifespan | 3   |
| <input type="checkbox"/> | <b>NUTR 370**</b>        | Nutrition in the Life Cycle             | 3   |
| <input type="checkbox"/> | <b>NUTR 407**</b>        | Complementary/Integrative MNT           | 3   |
| <input type="checkbox"/> | <b>NUTR 408**</b>        | Nutrition, Food, and Policy             | 3   |

## RELATED DATA SCIENCE COURSES

24-25 CREDITS

- |                          |                 |                       |   |
|--------------------------|-----------------|-----------------------|---|
| <input type="checkbox"/> | <b>CS 135**</b> | Computer Science I    | 3 |
| <input type="checkbox"/> | <b>CS 202**</b> | Computer Science II   | 3 |
| <input type="checkbox"/> | <b>DATA 101</b> | Intro to Data Science | 3 |
| <input type="checkbox"/> | <b>STAT 152</b> | Intro to Statistics   | 3 |

Select one course from the following:

- |                          |                   |                                   |   |
|--------------------------|-------------------|-----------------------------------|---|
| <input type="checkbox"/> | <b>DATA 210</b>   | Intro to SQL for Data Science     | 3 |
| <input type="checkbox"/> | <b>DATA 220**</b> | Research Methods for Data Science | 3 |

Select two courses from the following:

- |                          |                   |  |   |
|--------------------------|-------------------|--|---|
| <input type="checkbox"/> | <b>DATA 310**</b> | Data Visualization   | 3 |
| <input type="checkbox"/> | <b>DATA 320**</b> | Intro to Mathematical Modeling                             | 3 |
| <input type="checkbox"/> | <b>DATA 330**</b> | Statistical Methods for Data Science                       | 3 |
| <input type="checkbox"/> | <b>DATA 410**</b> | Exploratory Data Analysis                                  | 3 |
| <input type="checkbox"/> | <b>ENV 480</b>    | Geographic Information System for Environmental Management | 3 |

Select one course from the following:

- |                          |                   |                       |     |
|--------------------------|-------------------|-----------------------|-----|
| <input type="checkbox"/> | <b>DATA 480**</b> | Data Science Capstone | 3   |
| <input type="checkbox"/> | <b>DATA 499**</b> | Independent Study     | 1-3 |

## TOTAL CREDITS FOR DEGREE (120 CREDITS)

Check box when requirement is satisfied

\*\*Indicates a prerequisite and/or corequisite is required. Please refer to the catalog or speak to an advisor about these requirements.

† Indicates a lab is required.

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